

In re Patent Application of  
John Alfred Wilkinson  
Serial No. 10/019,353  
Filed April 25, 2002

**In the Claims:**

Please substitute the currently amended claims as set forth below in a complete listing of the pending claims. Struckthrough language indicates a deletion, and underlined language indicates an addition. The amendments include no new matter and are fully supported in the application as filed.

1.(currently amended) A pharmaceutical composition effective for treatment of a parasitic insect an ectoparasite infestation in a human or animal, said composition comprising at least one essential oil in a gel carrier, said at least one essential oil obtained from a plant selected from the genera *Salvia*, *Artemisia*, *Citrus*, *Juniperus*, *Laurus*, *Myristica*, *Origanum*, *Piper* or *Aloysia*, and said gel carrier including a synthetic gelling agent containing glyceryl polymethacrylate and propylene glycol.

2.(previously presented) The composition of claim 1 wherein the concentration of said at least one essential oil is from out 0.1 to about 50% w/v of the composition.

3.(previously presented) The composition of claim 2 wherein the concentration of said at least one essential oil is from about 0.1 to about 8% w/v of the composition.

4.(previously presented) The composition of claim 2 wherein the concentration of said at least one essential oil is about 4% w/v of the composition.

5-7.(cancelled)

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8.(currently amended) The composition of claim 1 wherein the gelling agent gel carrier contains from about 0.1 to about 95% v/v water, alcohol, or a combination thereof.

9.(previously presented) The composition of claim 1 wherein said at least one essential oil is obtained from *Salvia lavandulifolia* or *Salvia officinalis*.

10.(cancelled)

11.(previously presented) The composition of claim 1 wherein said at least one essential oil is obtained from the plant genera *Salvia* or *Citrus*.

12.(previously presented) The composition of claim 9 wherein said at least one essential oil contains about 4% w/v of essential oil from *Salvia lavandulifolia* dispersed in a gel, said gel being diluted about 1:2 v/v with water.

13.(previously presented) The composition of claim 1 further comprising an anti-pruritic agent.

14.(previously presented) The composition of claim 13 wherein said anti-pruritic agent contains an extract of *Aloe vera*.

15.(previously presented) The composition of claim 13 wherein said anti-pruritic agent includes *Aloe vera* gel.

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16.(previously presented) The composition of claim 13 wherein said anti-pruritic agent contains from about 0.1 to about 5.0% w/v *Aloe vera* gel.

17.(previously presented) The composition of claim 13 wherein said anti-pruritic agent contains from about 0.5% w/v *Aloe vera* gel.

18.(cancelled)

19.(currently amended) A method of treating a human or animal suffering from a parasitic insect an ectoparasite infestation, the method comprising applying to said human or animal the composition of claim 1.

20-32.(cancelled)

33.(currently amended) The method of claim 19, wherein said parasitic insect ectoparasite infestation includes at least one of lice, lice eggs, mites, fleas, or combinations thereof.

34-72.(cancelled)

73.(previously presented) The composition of claim 8 wherein the gelling agent contains from about 0.1 to 66% v/v water, alcohol, or a combination thereof.

74.(previously presented) The composition of claim 8, further comprising isopropyl alcohol from about 0.1% to about 20% v.v.

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75.(currently amended) A pharmaceutical composition effective for treatment of a parasitic insect an ectoparasite infestation in a human or animal, said composition comprising a gel carrier including at least one essential oil and at least one anti-pruritic agent, said at least one essential oil obtained from a plant selected from the genera *Salvia*, *Artemisia*, *Citrus*, *Juniperus*, *Laurus*, *Myristica*, *Origanum*, *Piper* or *Aloysia*, and said at least one anti-pruritic agent containing an extract of *Aloe vera*.

76.(previously presented) The composition of claim 75, wherein the concentration of said at least one essential oil is from about 0.1 to about 50% w/v of the composition.

77.(previously presented) The composition of claim 75, wherein the concentration of said at least one essential oil is from about 0.1 to 8% w/v of the composition.

78.(previously presented) The composition of claim 75, wherein the concentration of said at least one essential oil is about 4% w/v of the composition.

79. (previously presented) The composition of claim 75, wherein the gel carrier includes a gelling agent selected from agar, agarose, gelatin, a synthetic gelling agent, and combinations thereof.

80.(previously presented) The composition of claim 75, wherein the gel carrier includes glyceryl polymethacrylate and propylene glycol.

81.(previously presented) The composition of claim 75, wherein the gel carrier includes at least one carbomer.

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82.(currently amended) The composition of claim 79, wherein the gelling agent gel carrier contains from about 0.1 to about 95% v/v water, alcohol, or combinations thereof.

83.(currently amended) The composition of claim 79, wherein the gelling agent gel carrier contains from about 0.1 to 66% v/v water, alcohol, or combinations thereof.

84.(currently amended) The composition of claim 79, wherein the gelling agent gel carrier includes isopropyl alcohol from about 01. to 20% v/v.

85.(currently amended) The composition fo claim 75, wherein said at least one essential oil is obtained from *Salvia lavandulifolia* or[,] *Salvia officinalis*.

86.(previously presented) The composition of claim 75, wherein said at least one essential oil is obtained from a plant of the genus *Citrus*.

87.(currently amended) The composition of claim 75, wherein said at least one essential oil further comprises one or more extracts obtained from the plant genera *Salvia* and *Citrus*.

88.(previously presented) The composition of claim 85, wherein said at least one essential oil includes an extract of *Salvia lavandulifolia* at about 4% w/v dispersed in said gel carrier, and wherein said gel carrier is diluted about 1:2 v/v with water.

89.(previously presented) The composition of claim 75, wherein said at least one anti-pruritic agent includes *Aloe vera* gel.

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90.(previously presented) The composition of claim 75, wherein said at least one anti-pruritic agent comprises from about 01. to 5.0% w/v *Aloe vera* gel.

91.(previously presented) The composition of claim 75, wherein said at least one anti-pruritic agent comprises from about 0.5% w/v *Aloe vera* gel.

92.(currently amended) A method of treating a human or animal suffering from a parasitic insect a skin infestation of an ectoparasite, the method comprising applying the composition of claim 1 to the skin of said human or animal.

93.(currently amended) The composition of claim 75, wherein said parasitic insect ectoparasite infestation includes at least one of lice, lice eggs, mites, fleas, or combinations thereof.